

Amendments to the Claims:

Please amend Claims 28 through 30, 32, 36, 37, 41, and 45 to read, as follows.

Claims 1 through 27. **(Canceled)**

28. **(Currently Amended)** An image forming apparatus comprising:

an image bearing member;

image forming means for forming a toner image and a toner patch ~~[[path]]~~ image  
for density detection on said image bearing member;

a transfer medium for transferring the toner image onto a transfer material;

transfer means ~~supplied with a transfer bias~~ for transferring the toner patch image  
using a settable transfer bias ~~to transfer the toner patch image~~ onto said transfer medium;  
and

density detecting means for detecting a density of the toner patch image on said  
transfer ~~medium~~; and medium,

wherein an image forming condition for forming the toner image by said image  
forming means onto the transfer material is controlled in accordance with an output of said  
density detecting means, and

wherein a setting value of the transfer bias for transferring the toner patch image is  
changeable in correspondence ~~accordance~~ with a density to be used to form ~~[[of]]~~ the toner  
patch image.

29. **(Currently Amended)** An apparatus according to Claim 28, wherein a setting value of the transfer bias for the toner patch image when the toner patch image having a maximum density image formed on said image bearing member is transferred onto said transfer medium is larger than a setting value of the transfer bias for the toner patch image when the toner patch image having a halftone density image formed on said image bearing member is transferred onto said transfer medium.

30. **(Currently Amended)** An apparatus according to Claim 28 or 29, wherein said image forming means includes exposure means for exposing a surface of said image bearing member, which has been electrically ~~charged~~ charged, in accordance with image information with an exposure amount, which is changeable in accordance with the density of the toner patch image.

31. **(Previously Presented)** An apparatus according to Claim 30, wherein a surface potential of said image bearing member exposed by said exposure means is changeable in accordance with the density of the toner patch image.

32. **(Currently Amended)** An apparatus according to Claim 28 or 29, wherein the setting value of the transfer bias for the toner patch image is changeable in accordance correspondence with a toner gradation level of the toner patch image.

Claims 33 through 35. **(Canceled)**

36. **(Currently Amended)** An apparatus according to Claim 28, wherein a the setting value of the transfer bias for the toner patch image intensity corresponds to a voltage level of the voltage.

37. **(Currently Amended)** An apparatus according to Claim 28, further comprising ambient condition detecting means for detecting an ambient condition, wherein the setting value of the transfer bias for the toner patch image is ~~controlled~~ changeable in accordance correspondence with an output of said ambient condition detecting means.

38. **(Original)** An apparatus according to Claim 37, wherein said ambient condition detecting means detects temperature.

39. **(Original)** An apparatus according to Claim 37 or 38, wherein said ambient condition detecting means detects humidity.

40. **(Canceled)**

41. **(Currently Amended)** An apparatus according to Claim 28, wherein said image forming means includes developing means for developing a latent image formed on said image bearing member, and

wherein a voltage applied to said developing means is controlled in accordance with an output of said density detecting means.

42. **(Currently Amended)** An image forming apparatus comprising:

- an image bearing member;
- image forming means for forming a toner image and a toner patch image for density detection on said image bearing member;
- a transfer medium for transferring the toner image onto a transfer material;
- transfer means ~~supplied with a transfer bias~~ for transferring the toner patch image ~~to transfer the toner patch image~~ using a settable transfer bias onto said transfer medium;
- density detecting means for detecting a density of the toner patch image on said transfer medium,

wherein an image forming condition for forming the toner image by said image forming means is controlled in accordance with an output of said density detecting means;

and

- ambient condition detecting means for detecting an ambient condition,
- wherein a setting value of the transfer bias for transferring the toner patch image is changeable in ~~accordance~~ correspondence with an output of said ambient condition detecting means.

43. **(Original)** An apparatus according to Claim 42, wherein said ambient condition detecting means detects temperature.

44. **(Original)** An apparatus according to Claim 42 or 43, wherein said ambient condition detecting means detects humidity.

45. **(Currently Amended)** An apparatus according to Claim 42, wherein a the setting value of the transfer bias for the toner patch image bias corresponds to a voltage ~~supplied to said transfer means~~ level.

46. **(Canceled)**

47. **(Previously Presented)** An apparatus according to Claim 42, wherein said image forming means includes developing means for developing a latent image formed on said image bearing member,

wherein a voltage applied to said developing means is controlled in accordance with an output of said density detecting means.

48. **(Previously Presented)** An apparatus according to Claim 28 or 42, wherein said transfer medium carries the transfer material.